

List of Seeds Collected in the Royal Botanic Garden, Edinburgh, during the Year 1902.

The following is a list of plants cultivated in the Royal Botanic Garden, Edinburgh, from which ripened seeds have been collected during the year 1902. The quantity of seed obtained from some of the species is of limited amount. The seeds are available for exchange, but they are not for sale :—

PLANTS IN THE OPEN.

Acæna

Novæ-Zelandiæ, *T. Kirk.*
Sanguisorbæ, *Vahl.*

Acer

opulifolium, *Vill.*, var.
obtusatum.

Aconitum

Napellus, *Linn.*
pyrenaicum, *Hort.*

Actæa

spicata, *Linn.*
— var. rubra.

Adenophora

stylosa, *Fisch.*

Adonis

vernalis, *Linn.*

Ægopodium

Podagraria, *Linn.*

Æthionema

saxatile, *R. Br.*

Æthusa

Cynapium, *Linn.*

Allium

carinatum, *Linn.*
fistulosum, *Linn.*
margaritaceum, *Sibth. et Sm.*
Moly, *Linn.*
neapolitanum, *Cyr.*
odorum, *Linn.*
oreophilum, *C. A. Mey.*
sativum, *Linn.*
Schœnoprasum, *Linn.*
— var. sibiricum.
vineale, *Linn.*

Alnus

cordifolia, *Tenore.*
glutinosa, *Medic.*
— var. rubrinervia, *Hort.*
japonica, *Sieb. et Zucc.*
serrulata, *Willd.*

Alstroemeria

aurantiaca, *Don.*

Alyssum

creticum, *Linn.*

montanum, *Linn.*

umbellatum, *Desv.*

Androsace

lactiflora, *Fisch.*

Anemone

alpina, *Linn.*

rivularis, *Buch.-Ham.*

sylvestris, *Linn.*

Anthericum

Liliago, *Linn.*

Anthriscus

sylvestris, *Hoffm.*

Antirrhinum

Asarina, *Linn.*

Aquilegia

chrysantha, *A. Gray.*

Arabis

alpina, *Linn.*

— var. *anachoretica*, *Port.*

blepharophylla, *Hook. et Arn.*

hirsuta, *Scop.*

Arctium

Lappa, *Linn.*

Arenaria

gracilis, *Kit.*

graminifolia, *Schrad.*

juniperina, *Linn.*

peploides, *Linn.*

Arnica

amplexicaulis, *Nutt.*

montana, *Linn.*

Arracacia

arguta, *Benth. et Hook. f.*

Aster

Tripolium, *Linn.*

Astragalus

alopecuroides, *Linn.*

Glyciphyllus, *Linn.*

danicus, *Linn.*, var. *albus*.

xiphocarpus, *Benth.*

Astrantia

gracilis, *Bartl.*

helleborifolia, *Salish.*

major, *Linn.*

— var. *intermedia*.

neglecta, *C. Koch et Bouché.*

Atriplex

Babingtonii, *Woods.*

Atropa

Belladonna, *Linn.*

Aubrietia

deltoidea, *DC.*

erubescens, *Griseb.*

Barbarea

vulgaris, *R. Br.*

Berberis

angulosa, *Wall.*

Betula

alba, *Linn.*

Brassicacampestris, *Linn.*juncea, *Coss.***Brodiaea**Douglasii, *S. Wats.***Bryonia**dioica, *Jacq.***Bulbinella**Hookeri, *Benth. et Hook. f.***Bupleurum**Candollei, *Wall.***Callirhoe**digitata, *Nutt.***Campanula**Cervicaria, *Linn.*glomerata, *Linn.*linifolia, *Scop.*mirabilis, *Alboff.*persicifolia, *Linn.*, var. alba.pulla, *Linn.*rotundifolia, *Linn.***Carbenia**benedicta, *Adans.***Carduus**acanthoides, *Linn.***Cenia**turbinata, *Pers.***Centaurea**macrocephala, *Puschk.*nervosa, *Willd.*pectinata, *Linn.*Rhaponticum, *Linn.***Cephalaria**tatarica, *Schrad.*

— var. minor.

Cerastiumalpinum, *Linn.*tomentosum, *Linn.***Chærophyllum**aromaticum, *Linn.*aureum, *Linn.***Chelidonium**majus, *Linn.*

— var. laciniatum.

ChenopodiumBonus-Henricus, *Linn.***Chrysanthemum**Leucanthemum, *Linn.*segetum, *Linn.***Cistus**laxus, *Hort.*monspeliensis, *Linn.***Clematis**Fremonti, *S. Wats.***Cnicus**canus, *Roth.*eriphorus, *Roth.*tartaricus, *Willd.***Cochlearia**glastifolia, *Linn.***Collinsia**bicolor, *Benth.***Collomia**grandiflora, *Dougl.*

Conium

maculatum, *Linn.*

Cotoneaster

frigida, *Wall.*

Nummularia, *Fisch. et Mey.*

rotundifolia, *Wall.*

Simonsii, *Baker.*

Cotyledon

Umbilicus, *Linn.*

Crepis

sibirica, *Linn.*

Cytisus

biflorus, *L'Hérit.*

canescens, *Hort.*

schipkaensis, *Hort.*

scoparius, *Link.*

— var. *albus.*

— var. *Andreanus.*

Dahlia

Merckii, *Lehm.*

Delphinium

altissimum, *Wall.*

cardinale, *Hook.*

hybridum, *Steph.*

Maackianum, *Regel.*

nudicaule, *Torr. et Gray.*

occidentale, *S. Wats.*

speciosum, *Bieb.*, var. *turke-*
tanicum.

Dianthus

Armeria, *Linn.*

barbatus, *Linn.*

cæsius, *Sm.*

ciliatus, *Guss.*

Dianthus—continued.

deltoides, *Linn.*

petraeus, *Waldst. et Kit.*, var.

spiculifolius.

plumarius, *Linn.*

pubescens, *Sibth. et Sm.*

squarrosus, *Bieb.*

Digitalis

purpurea, *Linn.*

Dodecatheon

Meadia, *Linn.*, var. *album.*

Draba

Aizoon, *Wahlenb.*

arabisans, *Michx.*

aurea, *Vahl.*

bruniaeifolia, *Stev.*

cuspidata, *Bieb.*

hirta, *Linn.*

incana, *Linn.*

Loiseleurii, *Boiss.*

Enkianthus

japonicus, *Hook. f.*

Epilobium

angustifolium, *Linn.*

Dodonæi, *Vill.*

Lamyi, *Schultz.*

parviflorum, *Schreb.*

Erigeron

glabellus, *Nutt.*, var. *mollis.*

Erodium

Botrys, *Bertol.*

Eryngium

alpinum, *Linn.*

Bourgati, *Gouan.*

Oliverianum, *Delar.*

Erysimum

- rupestre, *DC.*
thyrsoideum, *Boiss.*

Eschscholzia

- caespitosa, *Benth.*
californica, *Cham.*

Euonymus

- europaeus, *Linn.*

Fraxinus

- excelsior, *Linn.*

Funkia

- Sieboldiana, *Hook.*

Galega

- orientalis, *Lam.*

Galium

- saccharatum, *All.*

Genista

- anglica, *Linn.*
hispanica, *Linn.*
præcox, *Hort.*
sagittalis, *Linn.*

Gentiana

- asclepiadea, *Linn.*
Cruciata, *Linn.*
linearis, *Froel.*
Saponaria, *Linn.*
septemfida, *Pall.*
tibetica, *King.*

Geranium

- pratense, *Linn.*
Robertianum, *Linn.*
sanguineum, *Linn.*
— var. *lancastriense.*
sylvaticum, *Linn.*, var. *album.*

Gerbera

- nivea, *Sch. Bip.*

Geum

- Heldreichii, *Hort.*
hispidum, *Fries.*
japonicum, *Thunb.*
montanum, *Linn.*, var.
aurantiacum.
strictum, *Ait.*

Gilia

- dichotoma, *Benth.*
minima, *A. Gray*, var.
coerulea.
tricolor, *Benth.*

Hedysarum

- microcalyx, *Baker.*
neglectum, *Ledeb.*

Helianthemum

- canum, *Boiss.*
umbellatum, *Mill.*

Heracleum

- asperum, *Bieb.*
Wallichii, *DC.*

Heuchera

- americana, *Linn.*
bracteata, *Ser.*
cylindrica, *Dougl.*
Drummondi, *Hort.*

Hieracium

- bupleuroides, *C. C. Gmel.*
cambricum, *F. J. Hanb.*
foliosum, *Waldst. et Kit.*
gymnocephalum, *Griseb.*

Hydrangea

- vestita, *Wall.*

Hydrastis

canadensis, *Linn.*

Hyoscyamus

niger, *Linn.*

Hypericum

Androsæmum, *Linn.*

Ascyron, *Linn.*

elodeoides, *Choisy.*

erectum, *Thunb.*

hirsutum, *Linn.*

rhodopeum, *Fries.*

tetrapterum, *Fries.*

Hypochaeris

radicata, *Linn.*

Iberis

sempervirens, *Linn.*

Ilex

Aquifolium, *Linn.*

Iris

Guldenstaedtiana, *Lepech.*

longipetala, *Herb.*

sibirica, *Linn.*

Isatis

tinctoria, *Linn.*

Jasione

montana, *Linn.*

Jurinea

glycacantha, *DC.*

Kniphofia

Tuckii, *Baker.*

Laburnum

alpinum, *J. S. Presl.*

— var. roseum.

vulgare, *J. S. Presl*, var. foliis aureis.

Lagurus

ovatus, *Linn.*

Lathyrus

Clymenum, *Linn.*

macrorrhizus, *Wimm.*

maritimus, *Bigel.*

montanus, *Bernh.*

splendens, *Kellogg.*

Lavatera

trimestris, *Linn.*

Layia

elegans, *Torr. et Gray.*

Leontodon

hispidus, *Linn.*

Leontopodium

alpinum, *Cass.*, var. himalayanum.

Leptosyne

Stillmannii, *A. Gray.*

Leycesteria

formosa, *Wall.*

Ligusticum

Thomsoni, *C. B. Clarke.*

Limnanthes

Douglasii, *R. Br.*

Linaria

maroccana, *Hook. f.*

repens, *Mill.*

saxatilis, *Hoffmgg. et Link.*

triornithophora, *Willd.*

vulgaris, *Mill.*

Linum

- capitatum, *Kit.*
usitatissimum, *Linn.*

Lophosciadium

- meifolium, *DC.*

Lotus

- siliquosus, *Linn.*

Lupinus

- arboreus, *Linn.*
— var. violaceus.
micranthus, *Dougl.*
nootkatensis, *Donn.*
polyphyllus, *Lindl.*
rivularis, *Dougl.*

Lychnis

- alba, *Mill.*
Flos-jovis, *Desr.*
montana, *S. Wats.*
Viscaria, *Linn.*

Malva

- sylvestris, *Linn.*

Matricaria

- Tchihatchewii, *Hort. Kew.*

Meconopsis

- cambrica, *Vig.*
Wallichii, *Hook.*, var. fusco-
purpurea.

Medicago

- carstiensis, *Wulf.*
Echinus, *DC.*
falcata, *Linn.*
hispida, *Gaertn.*, var. apiculata.
lupulina, *Linn.*
sativa, *Linn.*
scutellata, *All.*

Meum

- athamanticum, *Jacq.*

Mimulus

- luteus, *Linn.*

Molopospermum

- cicutarium, *DC.*

Monolepis

- trifida, *Schrad.*

Moræa

- iridioides, *Linn.*

Morina

- longifolia, *Wall.*

Muscari

- Argæi, *Hort.*
armeniaceum, *Baker.*
Maweanum, *Baker.*

Myrrhis

- odorata, *Scop.*

Nepeta

- nuda, *Linn.*
spicata, *Benth.*

Nicotiana

- rustica, *Linn.*

Œnothera

- amœna, *Lehm.*

Onobrychis

- viciæfolia, *Scop.*

Ononis

- arvensis, *Linn.*
albo-roseum, *Fisch. et Mey.*

Oxytropis

- glabra, *DC.*
lapponica, *Gaud.*

Pæonia

corallina, *Rets.*

Papaver

orientale, *Linn.*, var. bracteatum.

pilosum, *Sibth. et Sm.*

rupifragum, *Boiss. et Reut.*

somniferum, *Linn.*

Pentstemon

barbatus, *Roth.*

confertus, *Dougl.*

diffusus, *Dougl.*

gentianoides, *Poir.*

Perezia

multiflora, *Less.*

Phormium

tenax, *Linn. f.*

Phyteuma

orbiculare, *Linn.*

Scheuchzeri, *All.*

Sieberi, *Spreng.*

Pimpinella

magna, *Linn.*

Saxifraga, *Linn.*

Pisum

sativum, *Linn.*

Platystemon

californicus, *Benth.*

Polemonium

boreale, *Adams.*

cæruleum, *Linn.*

himalayanum, *Baker.*

mexicanum, *Cerv.*

pauciflorum, *S. Wats.*

Polygonum

baldschuanicum, *Regel.*

Convolvulus, *Linn.*

Weyrichii, *F. Schmidt.*

Potentilla

ambigua, *Jacq.*

andicola, *Benth.*

apennina, *Tenore.*

argentea, *Linn.*, var. calabra.

bifurca, *Linn.*

chinensis, *Ser.*

chrysantha, *Trevir.*

desertorum, *Bunge.*

Dombeyi, *Nestl.*

glandulosa, *Lindl.*

Hopwoodiana, *Sweet.*

Macnabiana \times , *Lem.*

multifida, *Linn.*

nepalensis, *Hook.*

nivea, *Linn.*

norvegica, *Linn.*

opaca, *Linn.*

palustris, *Scop.*

pennsylvanica, *Linn.*

recta, *Linn.*

rupestris, *Linn.*

semilaciniata, *Hort.*

vladnizensis, *Siegfr.*

Poterium

canadense, *A. Gray.*

diandrum, *Hook. f.*

Prenanthes

purpurea, *Linn.*

Primula

apennina, *Wid.*

Balbisii, *Lehm.*, var. bellunensis.

elatior, *Hill.*

japonica, *A. Gray.*, var. lilacina.

Primula—*continued*.mollis, *Null.*officinalis, *Jacq.*sikkimensis, *Hook. f.***Pulicaria**vulgaris, *Gaertn.***Ramondia**pyrenaica, *Rich.***Ranunculus**acris, *Linn.*brutius, *Tenore.*Flammula, *Linn.*lanuginosus, *Linn.*ophioglossifolius, *Vill.*sceleratus, *Linn.*Thora, *Linn.***Raphanus**Raphanistrum, *Linn.***Rosa**rugosa, *Thunb.***Rumex**maritimus, *Linn.***Salvia**hians, *Royle.*pratensis, *Linn.***Saponaria**ocymoides, *Linn.***Saxifraga**Aizoon, *Jacq.*aretioides, *Lapeyr.*caesia, *Linn.*caespitosa, *Linn.*Cymbalaria, *Linn.*decipiens, *Ehrh.***Saxifraga**—*continued*.granulata, *Linn.*Haworthii, *Hort.*Hostii, *Tausch.*Huetiana, *Boiss.*hypnoides, *Linn.*Mertensiana, *Bongard.*nivalis, *Linn.*pedatifida, *Ehrh.*pubescens, *Pourr.*Rocheliana, *Sternb.*, var.

coriophylla.

squarrosa, *Sieber.*umbrosa, *Linn.*, var. serratifolia

(Mackay).

Scabiosacaucasica, *Bieb.***Scorpiurus**muricata, *Linn.***Senecio**Doronicum, *Linn.*Fuchsii, *C. C. Gmel.***Silene**alpestris, *Jacq.*caucasica, *Boiss.*Cucubalus, *Wibel.*Czerei, *Boiss.*italica, *Pers.*maritima, *With.*nocteolens, *Webb et Berth.*quadridentata, *Pers.*rhynchocarpa, *Boiss.*Saxifraga, *Linn.*stylosa, *Bunge.*Thorei, *Duf.*verecunda, *S. Wats.*Zawadzki, *Herbich.***Sisyrinchium**angustifolium, *Mill.*, var.mucronatum (*Michx.*).

Smyrniium*Olusatrum, Linn.***Solidago***Virgaurea, Linn.***Spiræa***Aruncus, Linn.**palmata, Thunb.***Stachys***recta, Linn.***Stenanthium***angustifolium, Kunth.***Succowia***balearica, Medic.***Symphoricarpus***racemosus, Michx.***Synthyris***reniformis, Benth.***Taxus***baccata, Linn.***Thalictrum***glaucum, Desf.**majus, Jacq.**minus, Linn.**simplex, Linn.***Thermopsis***fabacea, DC.**lanceolata, R. Br.***Tofieldia***calyculata, Wahlenb.***Trifolium***alpinum, Linn.**pannonicum, Linn.**striatum, Linn.***Trollius***altaicus, Mey.***Tunica***prolifera, Scop.***Valeriana***tuberosa, Linn.***Veratrum***album, Linn.***Veronica***officinalis, Linn.***Vicia***Cracca, Wulf.**oroboides, Wulf.**Orobus, DC.**pyrenaica, Pourr.**sylvatica, Linn.**villosa, Roth.***Viola***cornuta, Linn.**hirta, Linn.**sylvestris, Lam.***Wulfenia***carinthiaca, Jacq.*

PLANTS UNDER GLASS.

Acacia

- Farnesiana*, Willd.
grandis, Henfr.
juncifolia, Benth.
neriifolia, A. Cunn.
suaveolens, Willd.

Acanthostachys

- strobilacea*, Link, Klotzsch et
Otto.

Æchmea

- bromeliaefolia*, Baker.
 — var. *pulchrum*.
candida, E. Morr.
coerulescens, Baker.
Makoyana, Hort. Makoy.
Weilbachii, Dietr., var.
leodiensis.
xiphophylla, Baker.

Agave

- attenuata*, Salm-Dyck.
xalapensis, Roehl.

Aglaonema

- commutatum*, Schott.

Aloe

- mitriformis*, Mill., var. *spinulosa*
 (Salm-Dyck).
striata, Haw.

Araujia

- sericifera*, Brot.

Aristolochia

- brasiliensis*, Mart. et Zucc.
elegans, Mast.
fimbriata, Cham.

Asclepias

- curassavica*, Linn.

Astrocaryum

- mexicanum*, Liebm.

Begonia

- Dregei*, Otto et Dietr.
semperflorens, Link et Otto.
Verschaffeltii ×, Regel.
Weltoniensis ×, Hort.

Bertolonia

- maculata*, DC.

Billardiera

- longiflora*, Labill.

Billbergia

- pallidiflora*, Liebm.
thyrsoides, Mart., var. *longi-*
folia.
zebrina, Lindl.

Brachychilum

- Horsfieldii*, Baker.

Brodiaea

- lactea*, S. Wats.

Callicarpa

- purpurea*, Juss.

Callistemon

- linearis*, DC.
speciosus, DC.

Carex

- japonica*, Thunb.

Cassia*corymbosa, Lam.***Cedronella***triphylla, Moench.***Chamædorea***Sartorii, Liebm.***Chlorophytum***Orchidastrum, Lindl.***Cleome***gigantea, Linn.***Clerodendron***splendens, G. Don.***Clianthus***puniceus, Banks et Sol.***Clitoria***Ternatea, Linn.*— var. *alba.***Cobæa***scandens, Cav.***Coffea***arabica, Linn.**bengalensis, Roxb.***Costus***afer, Ker-Gawl.**igneus, N. E. Br.***Crossandra***undulæfolia, Salisb.***Cytisus***candicans, Lam.***Desmodium***gyrans, DC.***Didymosperma***porphyrocarpon, H. Wendl. et
Drude.***Dolichos***Lablab, Linn.***Drosera***spathulata, Labill.***Drosophyllum***lusitanicum, Link.***Eccremocarpus***scaber, Ruiz et Pav.***Eriostemon***buxifolius, Sm.***Erythrochiton***brasiliensis, Nees.***Eucalyptus***ficifolia, F. Muell.**incrassata, Labill.***Eucomis***punctata L'Hérit.***Eupatorium***Weinmannianum, Regel.***Evodia***elegans, Hort.***Fuchsia***procumbens, R. Cunn.***Gasteria***disticha, Haw., var. angustifolia, Baker.*

Geonoma*pumila*, *Wendl.***Gerbera***Jamesoni*, *Bolus.***Gloriosa***superba*, *Linn.***Goodia***lotifolia*, *Salisb.***Gossypium***herbaceum*, *Lam.***Grevillea***glabrata*, *Meissn.***Guizotia***abyssinica*, *Cass.***Hedychium***Gardnerianum*, *Rosc.***Hibiscus***gossypinus*, *Thunb.**Manihot*, *Linn.**pedunculatus*, *Linn.**Trionum*, *Linn.*, var. *major.***Humea***elegans*, *Sm.***Hydrolea***spinosa*, *Linn.***Indigofera***atropurpurea*, *Buch.-Ham.**australis*, *Willd.***Ipomœa***Bona-Nox*, *Linn.***Kalanchoë***crenata*, *Haw.**flammea*, *Stapf.**thyrsiflora*, *Harv.**Welwitschii*, *Britten.***Kennedya***prostrata*, *R. Br.*— var. *Marryatæ.***Kunzea***parvifolia*, *Schau.***Lantana***Camara*, *Linn.***Leptospermum***ericoides*, *A. Rich.**scoparium*, *Forst.***Loasa***lateritia*, *Gill.*, var. *aurantiaca*,*Hort.***Luffa***ægyptiaca*, *Mill.***Lycopersicum***esculentum*, *Mill.***Maurandia***Barclayana*, *Lindl.***Melothria***cucumerina*, *Naud.***Mesembryanthemum***curviflorum*, *Haw.**digitiforme*, *Thunb.**lepidum*, *Haw.**sanguineum*, *Hort.**violaceum*, *DC.*

Mimosa*marginata, Lindl.***Mimulus***longiflorus, Hort.***Momordica***Charantia, Linn.**cochinchinensis, Spreng.***Moræa***prolongata, Hort.***Musschia***Wollastoni, Lowe.***Myrica***æthiopica, Linn.***Myrtus***communis, Linn.**Luma, Barn.**Ugni, Mol.***Nephtytis***liberica, N. E. Br.***Nicotiana***sylvestris, Hort.***Ornithogalum***tenellum, Jacq.***Oryza***latifolia, Desv.**sativa, Linn.***Oxypetalum***cœruleum, Dcsne.***Panicum***Crus-galli, Linn.***Passiflora***edulis, Sims.**quadrangularis, Linn.***Pelargonium***ternatum, Linn.***Pitcairnia***amaryllidifolia, Hort.**latifolia, Soland.**maidifolia, Dcsne.**pulverulenta, Ruiz et Pav.***Polyalthia***suberosa, Benth. et Hook. f.***Primula***japonica, A. Gray, var. lilacina.**mollis, Nutt.**verticillata, Forsk.***Prostanthera***lasianthos, Labill.***Rhodochiton***volubile, Zucc.***Rhododendron***Nuttallii, Booth.***Rhynchosia***caribæa, DC.***Rivina***humilis, Linn.***Ruellia***tuberosa, Linn.*

Sabal

Blackburniana, *Glazeb.*

Saxifraga

Cotyledon, *Linn.*, var. pyramidalis.

Macnabiana, *Hort.*

Schismatoglottis

Rœbelini, *Hort.*

Sempervivum

annuum, *C. Sm.*

tectorum, *Linn.*

Solanum

auriculatum, *Ait.*

coagulans, *Hort.*

fastigiatum, *Willd.*

hybridum, *Jacq.*

jasminoides, *Paxt.*

nigrum, *Linn.*

pyracanthum, *Jacq.*

Seaforthianum, *Andr.*

Stachytarpheta

indica, *Vahl.*

Tacca

cristata, *Jack.*

Tacsonia

exoniensis \times , *Hort.*

mollissima, *H.B.K.*

Van, Volxemii, *Hook.*

Tecoma

Smithii, *Hort.*

Tetranema

mexicana, *Benth.*

Thrinax

parviflora, *Sw.*

Tillandsia

aurea, *Hort.*

corallina, *K. Koch.*

splendens, *Brong.*

Trachelium

cœruleum, *Linn.*

Tristania

laurina, *R. Br.*

Villamilla

purpurascens, *Hort.*

Vitis

heterophylla, *Thumb.*, var.

humulifolia.